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62:9 Return Postage Guaranteed

Ed.F. Mangelsdorf & Bro., Inc.

Wholesale Grass and Field Seeds



Market Quotations



U. S. Department of Agriculture, Bureau of Plant Industry, Fruit & Vegetable Crop & Diseases, Washington, D. C. APR 31 1940 A



WE QUOTE TODAY'S VALUES FOR PROMPT SHIPMENT, F. O. B. ST. LOUIS BAGS NOT RETURNABLE, ALL QUOTATIONS ARE SUBJECT TO MARKET CHANGES. PRICES QUOTED ARE FOR FULL BAGS WE MAKE AN EXTRA CHARGE OF 15C PER PACKAGE ON ALL ORDERS FOR ANY ITEMS OF 60 LBS. OR LESS. PARCEL POST ORDERS 25C EXTRA PLUS POSTAGE. WE SELL TO DEALERS ONLY.

500 So.Main(First) St. ST. LOUIS, MO. Telephones MAin 0500

Per 100 Lbs.

Missouri Seed Permit No. 12

List No. 497

WE GIVE NO WARRANTY, EXPRESS OR IMPLIED, AS TO DESCRIPTION, QUALITY, PRODUCTIVENESS OR ANY OTHER MATTER OF ANY SEEDS WE SELL AND WILL NOT BE IN ANY WAY RESPONSIBLE FOR THE CROP

Mar. 30, 1940

Per 100 Lbs.

ALFALFA		Per 10	00 Lbs.
U.S. Verified Origin- Seamless Bags Ex		5 Bags or More	Bag Lots
All new crop. True	origin as s	tated.	
Kansas Alfalfa	M Brand		\$23.00
66	Fancy	21.00	21.50
Colorado-Kansas	M Brand	22.50	23.00
Oklahoma-Kansas	"	20.50	21.00
Oklahoma	44	18.50	19.00
Approved Oklahom Eligible for AAA award pay NOTICE: Order as "Appro	ments Cent.	States Regio	19.50 n.
Kanasa M Danid		24.00	24.50

Kansas, M Bra Specially-selected har neer fields started	dy strains from pie	24.00 >- >.	24.50
Nebraska	M Brand	23.50	24.00
Texas		17.00	17.50
Colorado	"	22.50	23.00
NORTH-WESTERN	& NORTHERN OF	RIGINS:	

NORTH-WESTERN & N	ORTHERN OR	GINS:	
Montana	M Brand		26.50
Idaho	66	26.00	26.50
Wyoming	"	25.00	25.50
Northwestern	66	24.50	25.00
Dakota #12 North Da	kota Grown "	27.50	28.00
		Rughe	Rage

Dakota #12 North D	akota Grown "	27.50	20.00
GRIMM, AFFIL	AVIT:		el Bags 00 Lbs.
Okla. Grimm	M Brand	20.50	21.00
Kansas "	"	25.50	26.00
Northwestern (Grimm "	26.50	27.00
Soldenson London		1	

GRIMM-State-sealed,	Certified:	
Idaho Red Tag	\$34.50	\$35.00

CANADIAN-GROWN, Hardy	7:	
Canadian Variegated, No.1 Grade Grimm, Certified, No.1 Grimm, Registered No. 1	30.00	28.50 30.50 32.50

ARGENTINE	Alfalfa M Brand	16.00	16.50
Pur. 99.50%, Ge	rm. 90%, Free of No.	xious Weeds	
Stained Accordin	g U. S. Regulations.	In Jute Bag	8.
POP INCLUDE	E INOCULATION	V. Order (Froup 1

SWEET CLO		Per 10	0 Lbs.
White Blossom,	M Brand	\$6.50	\$6.75
"	Fancy	5.75	6.00
66 66	Choice	5.25	5.50
Grundy County	M Brand	7.00	7.25
Yellow Blossom	"	6.50	6.75
Unhulled White	Blos. M Bran	d 4.50	4.75
" Yel.	"	4.50	4.75
Hubam, Annual, Wh	ite "	11.50	12.00
INCLUDE I	NOCULATION	Order G	roup 1.

Per 1	100 lbs.
lew Cr	op.
	\$18.50
16.50	17.00
17.00	17.50
16.00	16.50
15.00	15.50
18.00 Order	18.50 Group 2.
	rew Cr \$18.00 ls. 16.50 17.00 16.00 15.00 18.00

ALSIKE CLOVER	Per 100 lbs		00 lbs.	
Bags Extra				
M Brand Pur. 971/2% or better	\$	22.50	\$	23.00
Fancy, Pur. 95-97%		21.50		22.00

include inoculation,	Order C	noup z.
LESPEDEZA	Per 10	0 Lbs.
Bags Incl. Korean, M Brand Pur. 98% or better.	\$5.75	\$6.00

Bags Incl.		
Korean, M Brand Pur. 98% or better.	\$5.75	\$6.00
Korean, Fancy Dodder on tag.	5.00	5.25
Korean, Special Lot "Boom" Salable under state laws not limiting noxi		4.25
Korean Hulled (Seerifeed) M Brand	d 6.50	6.75

Cheaper per acre; goes third farther. Bags Extra. 200 lbs. = 300 lbs. ordinary Korean in coverage.			
Kobe (Later, taller variety) M Brand	9.00	9 50	
SERICEA, Hulled M Brand	12.50	13.00	
" TImbulled "	10.00	10 70	

Kobe (Later, taller variety) IVI Brand	9.00	9 50
SERICEA, Hulled M Brand	12.50	13.00
" Unhulled "	10.00	10.50
Sericea is perennial variety. Small amt. 2	b. highe	r.
INCLUDE INOCULATION OF THE Group 3 if M Brand—Group 3	ON, Ord	er

Vetch fumigated, sealed	Per 100 Lbs
Bags Incl., in 100 lb. bags.	
Hairy Winter Vetch, Michigan "	Ask for Price

\$ 4.75 \$ 5.25

SEMESAN—CERESAN—INOCULATION—STIM-U-PLANT

VETCHES—Austrian Peas

Austrian Winter Peas

Bags Extra. New Crop.	or More	Lots
M Brand	\$5.75	\$6.00
Fancy	5.35	5.60
Choice	4.90	5.15
Timothy-Alsike Mixed 20% A	lsike 9.50	10.00
RED TOP	Per 10	0 Lbs.

TIMOTHY

RED TOP	Per 1	00 Lbs.
Bags Extra. New Crop.		
M Brand (Pur.92% or better)	\$10.50	\$10.75
Fancy " 85% " "	10.00	10.25
Choice " 80% " "	9.25	9.50
Superfine " 97% " "	11.50	11.75
Unhulled Redtop	5.00	5.25

KY. BLUE GRASS	Per 1	00 Lbs
Bags Included. New Crop.		
M Brand 21 lb.	\$19.50	\$19.7
Fancy 19 lb.	18.75	19.00
CANADA-KY, BLUE GRASS (Mixed)	16.50	17.00

Domestic Grown. Free of Canada Thistle

LAWN GRASS MIXTURES		Attracti	ve cloth	
Prices per Lb. For 100 lbs. or more	100-lb. Bags		3-lb. Bags	
M Brand, Finest Quality Greenvue, Good Quality Shady Spot		19c	22c 20c 28c	21 1/20
Bent Grass Mixture	33c t	0 38c	lb.	

Finest quality, selected heavy high-germinating seed, lowest weed-content, correct proportions. OTHER LAWN GRASSES

Low prices apply full bag	s.]	Prices per la
Bent Grass-State-sealed,	Cert.	50-lb. bags
Coos or Seaside	@	56c to 59
Astoria, Blue Tag	@	50c to 53
Colonial or Olympic	@	46c to 49
Chewings Fescue	@	48c to 53
Poa Trivialis (For shade)	@	38c to 43
(Also called Rough Stall	ked Me	adow Grass

(Also called Rough Stalked	Meadow Gr	rass)
RYE GRASS	Per 100	Lbs
Bags Included. New Crop	Domestic.	
Domestic—M Brand Purity 99%, germ .90%, Noxious-free	\$ 6.25 \$	6.50
Perennial, Domestic	11.50 1	1.75

BERMUDA	GRASS		
Bags Extra		Per	100

Bags Extra			Per 1	00 Lbs.
M Brand—P	98%, G	90%	\$21.50	\$22.00

MEADOW FESCUE	Per 100 Lbs.
Special Lot, Pur. 96%	\$15.00
ODCHADD CDACC	D 100 I 1

Special Lot, Pur. 96%		\$15.00
ORCHARD GRASS	Per 1	00 L b s.
Bags Included.		
M Brand (Specially cleaned against)	\$16.00	\$16.25
	ORCHARD GRASS Bags Included.	ORCHARD GRASS Per 1

15.25

BROME GRASS	(Bromus In	nermis
Bags incl.	Per 1	00 Lbs
M BRAND	\$14.50	\$14.7
Fancy-87/85	13.50	13.7
CERTIFIED-Can. No. 1Se	aled Bags 15.50	15.7

REED CANARY GRASS

Standard Fancy

	Per 1	00 Lbs.
M Brand	\$17.00	\$17.50
	Small Lots 19c lb.	

WHEAT GRASS	Per 1	.00 Lbs
Crested—Fairway Strain Sealed, Certified.	\$16.00	\$16.5

OAT GRASS Per 100 Lbs. Tall Meadow Oat Grass \$15.00 \$16.00 Pur. 83%, Germ. 90%, Some Noxious

CRIMSON CLOVER

Bags Extra.	New Crop	Per 1	00 Lbs.
M Brand, Dom	estic	\$12.50	\$13.00

WHITE DUTCH CLOVER

WHITE DUTC	II CIN	J I LIA	
Bags Extra, per 100 lbs.		25 lbs. or More	
M Brand	\$63.00	\$65.00	\$68.0
Fancy	60.00	62.00	65.0

		1	
FODDER SEEDS-Millets	s, Sorgh	ums	BIRD SEEDS
New Crop—Recleaned	Per 100	lbs.	Bags Included.
5	Bags	Bag	Canary, Recleaned
	more	Lots	Hemp, " (I
Millet, German, Kansas M Brand \$		\$2.75	Rape, Large Dwarf E
" Type Fancy	2.25	2.50	" Sweet Bird, Sm Bird Seed, Ready Mi
" Japanese	5.50	5.75	Canada Field Peas
Sudan Grass, M Brand	3.50	3.75	Polly Sunflower, weev
" " Fancy	3.15	3.40	Millet, Large Red, Fa
Fodder Cane, Mixed	2.50	2.65	Wild Duck Millet
" " Black Amber	2.75	2.90	Flax. Whole
" Orange	2.75	2.90	Bird Thistle
		1	Bird Lettuce
Milo Maize, Crook Neck	2.40	2.55	Pepper Grass
" Sooner or 60 Day	2.40	2.55	Plantain
Kaffir Corn, Sunrise	2.40	2.55	Recleaned for Fee
Hegari,	2.50	2.65	Early Fortune Red I
Grohoma,	2.75	2.90	Yellow Hog (Proso)
Atlas Sorgo, Certified	4.50	4.75	Mixed Feed Millet Kaffir Corn, Feed
" " Affidavit	2.75	2.90	Milo Maize "
Feterita,	3.00	3.25	
Johnson Grass,	6.75	7.00	HYBRID SEE
BROOM CORN, Standard Evergreen	6.00	6.25	TITDIUD SEE

SOYBEANS	Per B	ushel
Bags Incl., Recl. New Crop.		
Virginia (Brown)	\$1.35	\$1.45
Black Wilson	1.35	1.45
Black Ebony	1.35	1.45
Kingwa (Early Black)	1.35	1.45
Illini (Yellow)	1.45	1.55
Mixed Yellow (Early)	1.40	1.50
Laredo (Mo. Grown)	1.75	1.85

(COWPEAS	Per Bushel	
	Bags Incl., Recl. New Crop.		
N	Iixed	\$1.25	\$1.35
N	lew Era	1.50	1.60
N	lew Era—Mixed	1.40	1.50
V	Whip—Mixed	1.45	1.55
	rabham	1.50	1.60
S	SEED GRAINS	Pe	r Bu,

	Columbia Seed Oats Mo. Grown. Growers' Affidavit	\$ 0.78	\$	0.83
ı	Spring Barley, Seed Wisc. No. 38, Bearded.	1.05		1.10
	Buckwheat, Seed Quality	Per 1 2.25	00	Lbs. 2.50

Buckwheat, Seed Quality	2.25 2.50
RAPE SEED	Per 100 Lbs
Bags Included.	
Dwarf Essex, recleaned	\$7.50
Sweet Bird Rape	9.00

SUNFLOWER	Per 100	
Bags included.	5 Bags or More	Bag Lots
Extra Fancy, Trace weevil	5.25	5.50
Polly, Superfine; weevil-free, large grain	6.25	6.50

M BRAND INOCULATION

A HUMUS CULTURE

	Price	per Can
Group 1-Alfalfa, Sweet Clover.	Dealer	Retail
" 2-Red and Alsike Clover.	Price	Price
1/2-Bu. Can (Treats 30 lbs.)	\$0.16	\$0.30
1 -Bu. " 60 "	.25	.45
2½-Bu. " 150 "	.45	.75
Group 3-Lespedezas (all kinds). *	2.17	
" 5-Cowpeas.		
" 6—Soybeans.		
I-Bu. Can (Treats 60 lbs.)	.16	.30
2-Bu. " " 120 "	.25	.45
5-Bu. " " 300 "	-45	-75
10-Bu. " " 600 "	.75	1.15
25-Bu. " 1500 "	1.35	2.00
*Group 3-5 Bu. Size is largest.		
C. Cup 1		

Bags Included.	
Canary, Recleaned	\$ 4.50
Hemp, " (Devitalized)	7.00
Rape, Large Dwarf Essex	7.50
" Sweet Bird, Small	9.00
Bird Seed, Ready Mixed	6.50
Canada Field Peas	
Polly Sunflower, weevil-free, Superfine	6.50
Millet, Large Red, Fancy	1.90
" Yellow, "	2.15
Wild Duck Millet	6.00
Flax. Whole	5.50

ville, Daige recu, railey	1.00
" Yellow, "	2.15
Wild Duck Millet	6.00
Flax, Whole	5.50
Bird Thistle	13.00
Bird Lettuce	13.00
Pepper Grass	3.00
Plantain	2.00
Recleaned for Feed Mixing. Pe	er 100 Lbs.
Early Fortune Red Millet \$1.	70 to \$1.80
Yellow Hog (Proso) " 2.0	00 to 2.10
Mixed Feed Millet 1.	60 to 1.70
Kaffir Corn, Feed 1.4	40 to 1.50
Milo Maize " 1.4	40 to 1.50

HYBRID SEED CORN

(Yellow) Per bu.

In special colored 1-bu. Hybrid bags. Semesan treatment included free. 1939-crop. Our own production, carefully supervised. Sealed bags. All edge-drop grade. XX-1-Mangelsdorf's \$4.50 \$4.75 4.75

U. S. 13 (Rich Soil)	4.50	4.75
Mo. No. 8	4.50	4.75
III. 960	4.00	4.25
Now booking for later ship	ment.	
20% down-payment with	order.	

SEED CORN-Open-pollinated

2½-bu. Jute Bags Incl.	1	er bu.
COMMERCIAL GRADE	Germ. 90% machine gr	
White Dent	\$ 1.20	\$ 1.30
Yellow "		1.20
Red Cob St. Charles White	1.20	1.30
M BRAND Germ. 90% or better,	butted & tip	ped.
Reid's Yellow Dent	1.75	1.90
Leaming Yellow	1.75	1.90
Midland "	2.00	2.15
Silver Mine White	1.85	2.00
White Dent	1.85	2.00
Red Cob St. Charles White	1.85	2.00
Hickory King White	1.90	2.00

PEAT MUSS	(Swedish)		
Prices per Bale.	25 Bales or More		Bale Lots
Horticultural	\$3.50	\$3.60	\$3.70
Poultry Litter	3.20	3.30	3.40
" " 25 lb. b	ags, .75	.85	.90

SEAMLESS BAGS (New)

Full 16 oz. 100 bags per bale. Fulton "A" Royal River \$27.50 to \$28.75 26.00 to 27.00

BINDER	TWINE	(New) 25 Bales	Less
SILVER CR	OWN	\$4.00	\$4.15
MUNDIAL		4.00	4.15
		Pe	r Bale

1			
	POPCORN	Per 10	00 lbs.
5	Bags included. 100-lb. bags.	5 Bags or more	Bag Lots
	SO. AMERICAN LARGE	YELLO)W
0 5 5 5	EMBRO (Specially Selected, Highest Popping Test)	\$3.75	\$4.00
5	Fancy (Good Standard Quality) Jap. Hull-less (White)	3.25 4.25	3.50 4.50
	D1 1 D	F 00	F 0F

4.25 5.00

"Better Seeds Better Crops"	ORDER CARD	M Brand Seeds Are Selected for Quality
GENTLEMEN:	DATE	
YOU MAY SHIP US VIA		THE FOLLOWING
QUANTITY	KIND OF SEED	GRADE OR QUALITY

Black Beauty

TERMS CASH, NO DISCOUNT, SUBJECT TO DEMAND DRAFT

ADDRESS.

YOUR NAME



SEMESAN

Seed Disinfectants

CERESAN New Improved For Wheat, Barley and Oats. Easily and quickly applied. One pound treats 32 bushels.

Dealer

Price

\$ 6.00 per doz. 13.50 ½

10.50 per pkg.

Packages

Per Case

I doz.

lonly

I only-

Sizes of

Packages

1-lb. can 5-lb. "

25-lb. pail 100-lb. D.

\$0.70

3.00

13.25

50.00

Price Per

Package

4-oz. can	\$0.30	\$ 2.20 per doz.	3 doz.	
1-lb. "	.75	6.35 " "	1 . 44	
5-lb. "	3.25	14.40 " 1/2 "	1/2 "	
25-lb. pail	14.00	11.25 per pkg.	1 only	
100-lb. D.	53.00	42.50 " "	1 only	
		New Improved		
Disinfectant f	or Seed Corn.	One pound treats 8 B	ushels.	
2-oz. pkt.	\$0.15	\$ 1.10 per doz.	12 doz.	
4-oz. can	.30	2.20 per doz.	3	
1-lb. "	.75	6.00 " "	1 "	
5-lb. "	3.00	13.50 ½ "	1/2 "	
25-lb. pail	12.50	10.50 per pkg.	I only	
100-lb. D.	45.00	37.00 per Drum	l only	
SEMESA	N BEL N	lew Improved -	_ A Din die	
infectant for s	ecd potatoes.	(1 pound treats 60 to 8	0 Bushels.)	
2-oz. pkt.	\$0.25	\$ 1.80 per doz.	12 doz.	
1-lb. "	1.50	12.00 " "	1 "	
5-lb. "	6.50	29.55 1/2 "	1/2 "	
25-lb. pail	30.00	24.40 per pkg.	1 only	
SEMESA	N - A Gene	eral Disinfectant for V	egetable and	
Flower Seeds	or Bulbs, and	Certain Plant Diseases	3.	
1/3-oz. pkt.	\$0.10	\$.75 per doz.	12 doz.	
2-oz. can	0.35	2.70 " "	3 "	
1-lb. "	2.25	18.00 " "	1 "	
5-lb. "	10.00	44.40 1/2 "	3/2 "	
REGULA	R CERES	SAN - For Cot	ton, Millets	
Sorghums. One pound treats 5 to 8 Bushels.				

M BRAND INOCULATION

A HUMUS CULTURE

	Price	per Can
Group 1—Alfalfa, Sweet Clover. "2—Red and Alsike Clover.	Dealer Price	Retail Price
½-Bu. Can (Treats 30 lbs.) 1 -Bu. " 60 " 2½-Bu. " 150 "	\$0.16 .25 .45	\$0.30 .45 .75
Group 3—Lespedezas (all kinds).* 5—Cowpeas. 6—Soybeans.		
1-Bu. Can (Treats 60 lbs.)	.16	.30
2-Bu. " " 120 "	.25	.45
5-Bu. " " 300 "	.45	.75
10-Bu. " " 600 "	.75	1.15
25-Bu. " " 1500 "	1.35	2.00
*Group 3-5 Bu Size is largest		

CYANOGAS G-FUMIGANT

Size	Dealer Price	Retail Price	Per Case Packing
4 oz.	\$ 0.20 each	\$ 0.30 each	1 doz
5 lb.	2.10 "	3.00 "	20
25 lb.	7.50 "	10.00 "	4
100 1Ь.	20.00 "	25.00 "	1

CYANOGAS A-DUST

3/3 lb. 1 lb.	\$.30 each	\$.45 each	8 doz.
Ĩ lb.	.50 "	.75 "	4 "
5 lb.	2.10 "	3.00 "	20 cans
25 lb.	7.50 "	10.00 "	4 "
100 lb.	20.00 "	25.00 "	1 "

McQUEEN'S INOCULATION

	Price r	er Can
Group 1—Alfalfa, Sweet Clover. " 2—Red and Alsike Clover.	Dealer Price	
16 Bu. Can (Treats 30 lbs)	\$0.16	\$0.30
1 -Bu. " " 60 " 2½-Bu. " " 150 "	.25	.45
Group 4-Vetch, Austrian Peas.	\$0.16	\$0.30
1½ Bu. Can (Treats 30 lbs.) 13½ Bu. " " 100 " 16½ Bu. " " 1000 "	.25	.45
	1.50	2.25
Group 5—Lespedeza (all kinds), Cov 6—Soybeans.	vpeas.	
1-Bu. Can (Treats 60 lbs.) 2-Bu. " 120 "	\$0.16 .25	\$0.30 .45
5-Bu. " " 300 "	.45	.75
10 & 25 Bu. size for Soybeans only.		
10-Bu. " " 600 "	.75	1.15
25-Bu. ' '1200 "	1.35	2.00

STIM-U-PLANT

CONCENTRATED PLANT FOOD IN TABLET FORM FOR POTTED PLANTS, SMALL GARDENS, SHRUBBERY

No. per	Packages	Dealer Price	Dealer Price	Retail Price
Package	Per Carton	Per Carton	Per Package	Per Package
10 Tablets	- 10	\$0.60	\$0.06	\$0.10
30 Tablets	10	1.50	.15	.25
100 Tablets			.45	.75
500 Tablets			1.50	2.50
1000 Tablets			2.10	3.50





BUSINESS REPLY CARD

NO POSTAGE STAMP NECESSARY IF MAILED IN THE UNITED STATES

ED. F. MANGELSDORF & BRO., INC.

500 SO. FIRST (MAIN) ST.

ST. LOUIS, MO.



SEED CHART

	SEED	Weight per Bu.	Pounds per Acre	TIME OF SEEDING
	Alfalfa	60	15-20	March, May-August, September
	Alsike Clover	60	6-10	January, April—August, October
	Barley	48	72.96	March, April—September
F	Bermuda Grass	40	5-10	March—June
1	Blue Grass (Lawns: 1 lb. 200 sq. ft.)	14	30-40	February, June-August, October
	Buckwheat	48	48-60	May-July
	Cane, Fodder	50	50-65	May—July
	Corn, Field	56	7-10	May—July
	Corn, Ensilage	56	30-35	May—July
	Clover, Alsike	60	6-10	January, April—August, October
	Clover, Bur (Hulled)	60	15-20	August—November
	Clover, Crimson	60	15-20	July-October
	Clover, Japan	25	25-30	February—May
	Clover, Red	60	10-12	January, April—August, November
	Clover, Sweet	60	15-25	January, May—July, September
	Clover, Sweet (Unhulled)	40	25-40	November—February
	Clover, White (Lawns: 1 lb. 400 sq. ft.)	60	3.5	February, June—August, October
	Cowpeas (Drilled)	60	45-70	May—August
	Johnson Grass	28	20-30	April— July
	Kattır Corn—Milo Maize	56	20-30	May—July
	Lawn Grass (Lawns: 1 lb. 200 sq. ft.)	25	150-200	February, April—August, October
	Lespedeza, Korean	25	15-25	February—May
- [Lespedeza, Common (Japan Clover)	25	25-30	February—May
	Meadow Fescue	24	25-35	March, May-August, September
	Millet, German	50	40-50	May—July
	Millet, Hungarian	48	40-50	May—July
	Millet, Japanese	35	25-40	May—July
	Cats	32	50-75	March—May
	Orchard Grass	1.4	20-25	March, May-August, October
- 1	Pasture Mixture	25	25-35	March, June—August, October
	Rape, Dwart Essex	56	6-10	April—September
	Redtop, Solid (Measured bu. 32 lbs.)	14	8-12	February, June-August, October
- 1	Redtop, Unhulled	14	20-30	February, June—August, October
	Rye, Winter	56	60.90	July-November
	Rye Grass	24	25-35	February Ivan
	Soybeans (Drilled)	60	30-60	February, June—August, October May—August
	Sugari Grass.	40	15-30	April—July
	Sunflower	22	3.6	May—July
	I modify	45	8-12	February May Assess N.
	Vetch, Hairy Winter	60	30-50	February, MayAugust, November AugustNovember
-			C3 1 1	- Tovember